



**ideal**

*performance guaranteed*

# FLASHERS

## H. D. VARIABLE LOAD



For extra reliability  
in trucks, buses ...  
for turn signals, hazard warning signals.



For simplified inventory — rapid turnover.  
Fits 90% of all 12 volt cars on the road.  
For turn signals, hazard warning signals.

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## FIXED LOAD



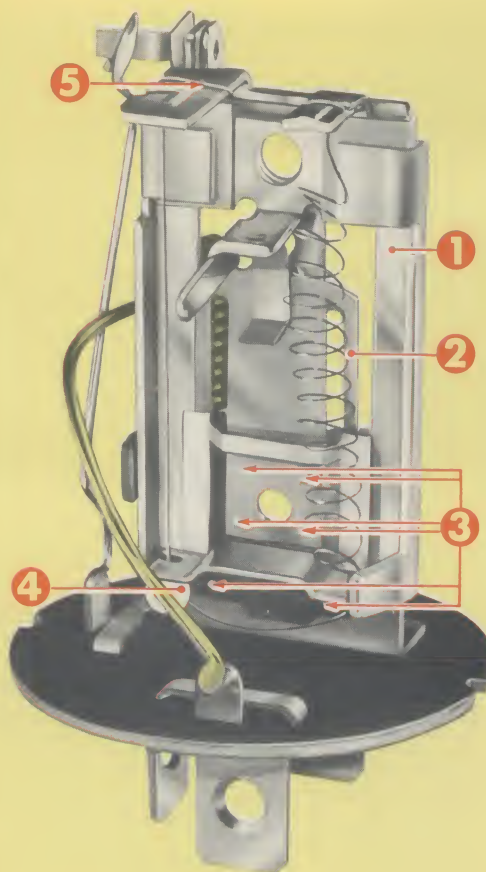
For economical replacement on passenger cars.



# H. D. VARIABLE LOAD FLASHERS

with five point construction advantages... better for fleets in cutting downtime and maintenance costs—better for passenger cars too!

- 1 EXTRA LARGE FRAME:** This vital backbone of the flasher supports all the working elements — Ideal has made it 'extra' large for 'extra' support
- 2 LARGER SNAP BLADE:** Due to larger frame, Ideal uses a larger, stronger snap blade which prolongs the life of this element. Blade opens the circuit approximately 90 times a minute.
- 3 SIX WELD POINTS:** To assure no shifting or breakage as the blade snaps the circuit opened and closed, the blade base is welded at 6 points as compared to customary 2 points.
- 4 GLASS BEAD INSULATOR:** Advanced fusing techniques developed by Ideal are the secret to making this insulator virtually shatter-proof.
- 5 THERMAL WIRE SECURITY:** This wire which must pull the circuit closed approximately 90 times a minute — over a million times in its life — is doubly secured a full  $2\frac{1}{2}$  turns before welding.



## Plus CONTROLLED QUALITY:

Electronic quality controls are built into the production cycle of HD variable load flashers — from the analysis of raw material to an automatic check after each operation. Before sealing, each flasher is operated under the conditions it will fulfill in the field. After the flasher is sealed, a representative lot is life tested under extreme conditions to assure that the lot is up to our rigid standards. Only then will these flashers be shipped into the field.

**FOR TRUCKS AND BUSES...** The heavy duty construction and emphasis on reliability cut downtime and maintenance costs for fleets. **Warranted for 1 year or 12,000 miles whichever comes first.**

**FOR HAZARD WARNING...** For long life hazard signalling on trucks and passenger cars. Enables commercial vehicles to meet ICC regulations.

**FOR PASSENGER CARS...** Ideal H.D. Variable Load flashers revitalize signal systems in

older 6 and 12 volt cars whose electrical systems no longer deliver the voltage required to operate fixed load flashers. They put new life and power into sluggish signal systems — brighten lamps and boost signals. **Warranted on passenger cars for 5 years or 50,000 miles whichever comes first.**

**FOR SIMPLIFIED INVENTORY...** Only 3 numbers are needed in inventory to cover 99% of all vehicles on the road.

### FUSING RECOMMENDATIONS FOR H. D. VARIABLE LOAD FLASHERS

Protect signal system components against short circuit damage. Use correct rated fuse on input lead as follows:

### NUMBER OF LAMPS FLASHED

1 to 2  
1 to 4  
1 to 6  
1 to 8

### USE FUSE OR CIRCUIT BREAKER

6 to 20 Amps.  
9 to 20 Amps.  
14 to 20 Amps.  
20 Amps.

Equivalent circuit breakers may be used but fuses give greater protection to the flasher.

## TWIST TOP ADAPTER

Part No. 210

Use to install No. 224 or 536 flashers, on Ford family cars late 1965-'67. Just snap flasher into bracket and twist plastic adapter into mounting hole with a quarter turn to lock. Fusing the input lead is recommended. **Packed 10 to the box.**





## H. D. VARIABLE LOAD



For extra reliability in trucks, buses, cars for turn signals, hazard warning signals.

**TRUCKS:**  
Warranted for 1 year or 12,000 miles whichever comes first.

**PASSENGER CARS:**  
Warranted for 5 years or 50,000 miles, whichever comes first.

### 535 REPLACES MOST 6 VOLT 3 TERMINAL FLASHERS

Flashes two to four 21 C.P. lamps for turn signal, two to six 21 C.P. lamps for hazard warning. Complete with mounting bracket and hardware. Separate pilot circuit. **GOLD.**

### 537 ALTERNATING FLASHER FOR 12 VOLT EMERGENCY VEHICLES

3 terminals, flashes two (per circuit) 21 or 32 C. P. standard or LL lamps. Complete with mounting bracket and hardware. **GOLD.**

### 540 SINGLE LAMP SPECIAL PURPOSE 12 VOLT FLASHER

2 terminals, flashes one 15 to 50 C.P. lamp or one 18 to 40 watt sealed beam lamp. Complete with mounting bracket and hardware. **GOLD.**

### 536 REPLACES MOST 12 VOLT 2 TERMINAL FLASHERS (COVERS 90% OF ALL 12 VOLT VEHICLES)

Flashes two to four 21 or 32 C.P. standard or LL lamps for turn signal, two to six lamps for hazard warning. **GOLD.**

### 539 SINGLE LAMP SPECIAL PURPOSE 6 VOLT FLASHER

2 terminals, flashes one 15 to 50 C.P. lamp or one 18 to 40 watt sealed beam lamp. Complete with mounting bracket and hardware. **GOLD.**

### 550 REPLACES MOST 12 VOLT 3 TERMINAL FLASHERS

Flashes two to four 21 or 32 C.P. standard or LL lamps for turn signal, two to six lamps for hazard warning. Separate pilot circuit. **GOLD.**

### 222 12 VOLT, 3 TERMINALS

Flashes two 32 C.P. STD. Lamps. Separate pilot circuit. Fits Buick and Oldsmobile 1953-'60; Cadillac 1953-'58; Chrysler 1953-'56; DeSoto, Dodge and Plymouth 1956; Packard 1955-'56 and Pontiac 1955. **SILVER.**

### 224 12 VOLT, 2 TERMINALS

Flashes two 32 C.P. LL Lamps. Fits most Ford family 1963-'66 and all G.M. cars 1964-'66 with one rear signal. Use with Twist top adapter on Ford family cars late 1965 and after. **BLUE.**

### 261 6 VOLT, 2 TERMINALS

Flashes two 21 C.P. lamps. Fits Ford, Lincoln and Mercury 1953-'55; Hudson 1953-'54 and Studebaker 1955. **SILVER.**

### 322 12 VOLT, 2 TERMINALS

Flashes three 32 C.P. STD. Lamps. Fits Cadillac 1960-'62; Chevrolet Impala 1959-'63; Pontiac 1959-'63 with two rear signals; Dodge and Plymouth 1964-'66 with two rear signals. **GREEN.**

### 223 12 VOLT, 2 TERMINALS

Flashes two 32 C.P. STD. Lamps. Fits most G.M., Ford 12 volt cars 1955-'63; all Chrysler family cars 1957-'66 with one rear signal. **SILVER.**

### 260 6 VOLT, 3 TERMINALS

Flashes two 21 C.P. lamps. Separate pilot circuit. Complete with mounting bracket and hardware. Fits most cars 1940-'55. Use 535 on cars with run-down electrical systems. **SILVER.**

### 268 6 VOLT FITS VOLKSWAGEN 1955-1965

3 Terminals, flashes two 18 watt or two 21 C.P. or 32 C.P. lamps. Complete with mounting bracket and hardware. Easy installation. Requires no ground. **SILVER.**

### 323 12 VOLT, 2 TERMINALS

Flashes three 32 C.P. LL Lamps. Fits Ford and G.M. Cars 1964-'66 with two rear signals; Mercury and Comet station wagon 1963. **YELLOW.**

## MERCHANDISED TO MOTIVATE!

### 503

#### PAK-O-FIVE

Popular 536 now available in 'see thru' free reusable plastic container.

### 501

Ideal service station assortment covers 99% of all cars and trucks . . . with just 3 numbers — free reusable plastic container. Easy reference car guide included.

#### CONTENTS:

3 — No. 536  
1 — No. 550  
1 — No. 535

### 502

**For Jobber Counter —**  
Display sells full coverage flasher assortments. Contains ten 501 assortments (50 flashers). Compact, all metal display is **FREE!**

Puts easy-to-sell 5 pack assortments on your counter-top ACTION line!

#### BLISTER PAK

Ideal flashers are available on colorful blister cards — each card containing car guide. To order add "V" after Part Number. Example: 536V. No. 204 flasher display with free rack contains the following assortment:

**CONTENTS 204 ASSORTMENT**  
10 — No. 222V 10 — No. 535V  
20 — No. 223V 10 — No. 536V  
10 — No. 260V 10 — No. 550V  
10 — No. 322V

## FIXED LOAD



Built to surpass car factory, SAE and all state regulations. Eight numbers provide full coverage.

**PASSENGER CARS:**  
Warranted for 24 months or 24,000 miles, whichever comes first.



# 1966 IDEAL FLASHER CAR and TRUCK GUIDE

## CAR GUIDE

CAR	YEAR	MODEL	FLASHER NUMBER		CAR	YEAR	MODEL	FLASHER NUMBER	
			HEAVY DUTY	FIXED LOAD				HEAVY DUTY	FIXED LOAD
Buick & Special	1941-53	6 Volt	535	260	Lincoln & Continental	1949-52	All	535	260
	1953-60	12 Volt	550	222		1953-55	All	—	261
	1961-63	All	536	223		1956-59	All	536	223
	1964-66	With One Rear Signal	536	224		1960	All	536	322
	1965-66	With Two Rear Signals	536	323		1961-62	All	536	223
Cadillac	1940-52	All	535	260	Mercury	1949-52	All	535	260
	1953-56	All	550	222		1953-55	All	—	261
	1957-58	Series 6039, 7059	550	Use H. D.		1956-62	With One Rear Signal	536	223
	1957-58	All Except 6039, 7059	550	222		1960-62	With Two Rear Signals	536	322
	1959	All	550	Use H. D.		1963-64	With One Rear Signal	536	224
	1960-62	All	536	322		1963-64	With Two Rear Signals	536	323
	1963	All	536	223		1965-66	All	536	224
	1964	All	536	323	Metropolitan	1958-62	All	536	223
	1965	All Except #75 Limousine	536	224		1946-55	All	535	260
	1965	#75 Limousine	536	323		1956-63	All	536	223
	1966	All	536	323		1964-66	All	536	224
Checker Cab & Superba	1956-58	6 Volt	535	260	Oldsmobile & F-85	1946-52	All	535	260
	1958-58	12 Volt	550	Use H. D.		1953-60	All	550	222
	1959-66	All	550	222		1961-63	All	536	223
Chevrolet	1948-54	All	535	260		1964-66	With One Rear Signal	536	224
	1955-63	With One Rear Signal	536	223		1964-66	With Two Rear Signals	536	323
	1959-63	With Two Rear Signals	536	222	Packard	1942-54	All	535	260
	1964-66	With One Rear Signal	536	224		1955-56	All	550	222
	1964-66	With Two Rear Signals	536	323		1957-58	All	536	223
	1966	Impala, Caprice Series	536	323	Plymouth & Valiant	1941-55	All	535	260
Chevelle Chevy II	1964-66	All	536	224		1956	All	550	222
	1962-63	All	536	223		1957-66	With One Rear Signal	536	223
	1964-66	All	536	224		1964-66	With Two Rear Signals	536	322
Chrysler & Imperial	1941-55	6 Volt	535	260		1966	Charger Series	536	Use H. D.
	1953-56	12 Volt	550	222	Pontiac & Tempest	1946-54	All	535	260
	1957-66	With One Rear Signal	536	223		1955	All	550	222
	1965-66	With Two Rear Signals	536	322		1956-57	All	536	223
Corvair	1960-63	All	536	223		1958	All	536	222
	1964-66	All	536	224		1959-63	With One Rear Signal	536	223
Corvette	1960-63	All	536	223	Studebaker & Lark	1942-54	All	535	260
	1964-66	With One Rear Signal	536	224		1955	All	—	261
De Soto	1941-55	All	535	260		1956-66	All	536	223
	1956	All	550	222		1963	All	536	224
	1957-61	All	536	223		1964	All	549	549
Dodge, Dart & Lancer	1941-55	All	535	260	Thunderbird	1955	All	—	261
	1956	All	550	222		1956-62	All	536	223
	1957-65	With One Rear Signal	536	223		1963	All	536	224
	1964-65	With Two Rear Signals	536	322		1964	All	549	549
	1966	All (Except Monaco Series)	536	223	Volkswagen	1955-65	All	268	268
	1966	Monaco Series	536	Use H. D.		1950-60	6 Volt	535	260
Ford & Falcon	1949-52	All	535	260		1960-62	12 Volt	550	222
	1953-55	All	535	261	Willys	1963-66	12 Volt	536	223
	1956-62	All	536	223					
	1963-66	All	536	224					
Hudson	1940-52	All	535	260					
	1953-54	All	535	261					
	1955	All	536	260					
	1956-57	All	536	223					

## TRUCK GUIDE

VOLTS	NUMBER TERMINALS	NUMBER LAMPS	LAMP C. P.	FLASHER NUMBER
6	3	1 to 6 multiple	21	535
12	2	1 to 6 multiple	21 or 32	536
12	3	*2 to 6 multiple	21 or 32	537
6	2	1	15-50	539
12	2	1	15-50	540
12	3	1 to 6 multiple	21-32	550

\*Alternating

## CROSS REFERENCE

SIGNAL-STAT NUMBER	IDEAL FLASHER NUMBER		OLD TUNG-SOL NUMBER	SIGNAL-STAT NUMBER	IDEAL FLASHER NUMBER		OLD TUNG-SOL NUMBER
	FIXED LOAD	HEAVY DUTY REPLACEMENT			FIXED LOAD	HEAVY DUTY REPLACEMENT	
111	261	—	A229S	143	322	536	AP373
112	260	535	UP229D				AP373S
			P229D				AP373V
			229D	144	224	536	AP256S
113	222	550	229DO	145	323	536	AP356S
115	—	537	P273D	146	—	536	—
116	260	535	537	148	—	536	—
117	222	550	535	149	—	536	—
118	260	535	P273D	157	268	—	—
			UP229D	170	—	536	—
			P229D	171	—	535	—
			229D	175	—	536	—
			229DO	176	—	536	—
119	222	550	P273D	180	—	550	—
142	223	536	AP273	181	—	535	—
			AP273S				
			AP273V				

NOTE: Use Twist Top Adapter (Part No. 210) when installing flashers 224 or 536 on Ford family cars — late 1965-'66.

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